

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06092015-15	
Date: 5/13/2015	Inspected By: G. Stuckless/J. Sharron	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	3-174 - BROWNS ARM BRIDGE		
Route:	341	Overall Length:	6.1 m
Year Built:	1950	Est: Yes	Overall Width: 5.6 m
Year Last Rehab.:		Est: No	Roadway Width: 5.6 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1 m
Type of Structure:	13 - Other	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	06 - None		
Roadway Surface:	01 - Concrete	Spans:	
Alignment Vertical:	01 - Good	<u>Span No.:</u>	<u>Length</u>
Alignment Horizontal:	01 - Good	1	6.1
Restrictions:	No	2	0
		3	0
		<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	P1 - Poor	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Abutment spalling and delaminating. Scouring at the footings.		
SUPERSTRUCTURE			
Condition:	P1 - Poor	Expansion Joints:	I - Inapplicable
Comments:	Wing wall spalling and delamination beyond repair.		
DECK			
Condition:	P1 - Poor	Curbs:	I - Inapplicable
Hand Rail:	I - Inapplicable	Roadway Condition:	I - Inapplicable

Approach Rail:	I - Inapplicable		
Comments:	large cracking where deck meets asphalt and delamination		
HYDROLOGY			
Water Velocity:	steady m/s	Ice Problem:	N - No Problem
Water Depth:	>1.0 m	Scour Problem:	P - Possible Problem
Waterway:	03 - Not Applicable	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace with new structure. Pipes are currently still used by locals.		
OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	No
Additional Observations:	Signs of use by vehicles, atvs and snowmobiles.		
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
Category Definitions:			
Maint. - Maintenance.			
Eng. - Engineering.			
Office - Bridge Office.			
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
<ul style="list-style-type: none"> ● Any item which inspector feels should be documented by photograph ● All items noted above as being P3, P1, P, or C ● Any evidence of known ice, scour, debris, waterway problems 			
INSPECTION PHOTOS			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.